

Garant
GARANT Master Tap INOX machine tap HSS-E-PM, TiAlN, UNF: 4-48

Order data

Order number	138007 4-48
GTIN	4062406210151
Item class	111

Description
Version:
GARANT Master Tap INOX:

High-performance tap, specially developed for **good process reliability in stainless and acid-resistant steels** and **duplex materials**.

The 45° helix angle of the chip flutes facilitates chip formation especially in ductile austenitic CrNi steels.

- **HSS-E-PM tool material for maximum wear resistance**
- **The latest generation of TiAlN multi-layer coating**
- **Parameterised flute geometry for optimum chip formation and torsional rigidity**

Application:

For UNF uniform fine threads ASME – B1.1.

Thread type: UNF

Tool material: HSS E PM

Standard: DIN 371

Threads per inch: 48

Thread Ø: 2.84 mm

Overall length L: 56 mm

Shank Ø D_s: 3.5 mm

Shank square □: 2.7 mm

Tapping hole Ø: 2.4 mm

Technical description

Thread depth	7.13 mm
Number of clamping slots	3
Thread Ø	2.84 mm

Threads per inch	48
Thread pitch	0.529 mm
Thread type	UNF
Number of cutting edges Z	3
Shank $\varnothing D_s$	3.5 mm
Tool material	HSS E PM
Standard	DIN 371
Tapping hole \varnothing	2.4 mm
Overall length L	56 mm
Thread size	4-48 UNF
Shank square \square	2.7 mm
Series	GARANT Master Tap
Coating	TiAlN
Flank angle	60 degrees
Tolerance class	2BX
Taper lead form	C
Helix angle	45 degrees
Shank	Plain shank with h9
Through-coolant	no
Application for type of drilling	up to 2.5xD for blind holes
Cutting direction	right-hand
Type of threading tool	Machine tap for dynamic machining
Colour ring	blue
Type of product	Tap